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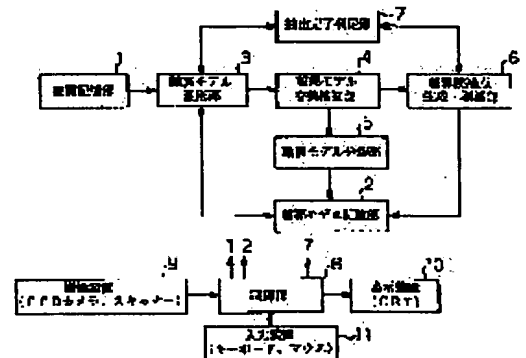
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(54) OUTLINE EXTRACTION DEVICE

(57)Abstract:

PURPOSE: To realize an automatic editor for picture which doesn't require the intervention of human beings by detecting the intersections of an outline model to split it into plural parts.

CONSTITUTION: An outline model deforming part 3 moves outline candidate points stored in an outline model storage part 2 in accordance with a preliminarily determined rule. With respect to the polygonal outline model constituted by connecting the outline candidate points based on a prescribed connection order, an outline model intersection detection part 4 detects whether a certain side on this outline model comes into contact with or crosses another side on the outline model or not. An outline model splitting part 5 splits the outline model into two outline models by two segments first detected by the outline model intersection detection part 4. An extraction completion discrimination part 7 discriminates that outline extraction is completed when all the outline candidate points are not moved and new outline candidate points are not generated neither disappear.



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